

Data File : VU030218.D
Acq On : 20 Mar 2019 09:44
Operator : JC/SP
Sample : VU0320WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Mar 22 01:04:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	526976	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	508302	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243250	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	156422	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.80%
7) Chloroethane-d5	1.68	69	136323	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.68%
11) 1,1-Dichloroethene-d2	2.27	63	221401	34.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.12%
21) 2-Butanone-d5	4.17	46	270516	102.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.33%
24) Chloroform-d	4.65	84	299906	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.31	65	181543	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
32) Benzene-d6	5.34	84	656554	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
36) 1,2-Dichloropropane-d6	6.33	67	205940	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.38%
41) Toluene-d8	7.56	98	595828	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	7.85	79	95455	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.31	63	226263	105.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311858	49.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	240026	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%

Target Compounds

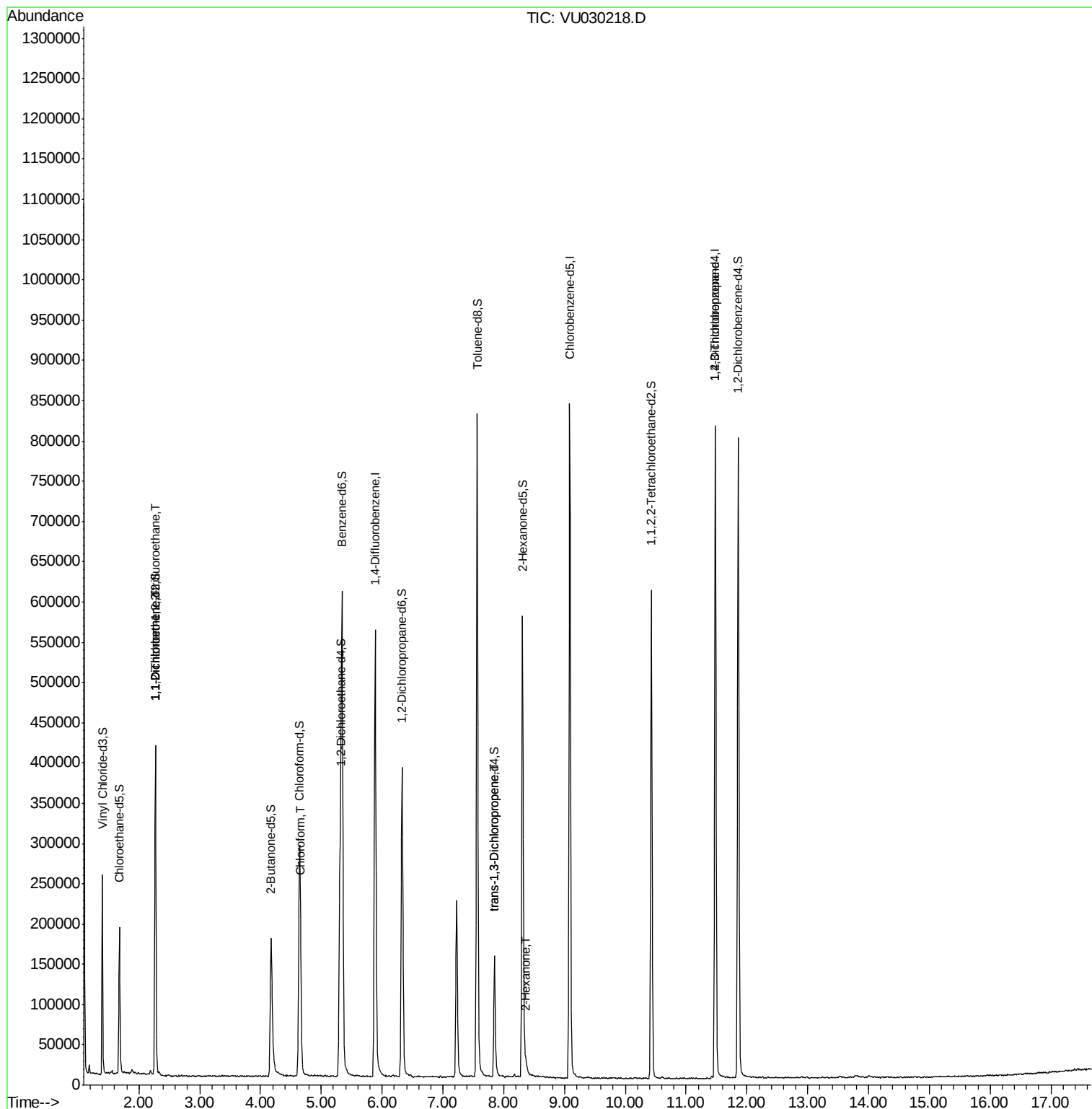
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2475	0.699	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2006	0.571	ug/L #	1
25) Chloroform	4.67	83	4943	0.745	ug/L #	69
44) trans-1,3-Dichloropropene	7.84	75	3365	0.645	ug/L	94
48) 2-Hexanone	8.37	43	5101	1.191	ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	24949	4.915	ug/L	95

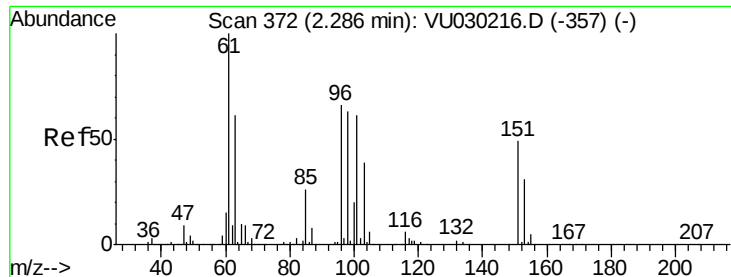
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 01:01:18 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.699 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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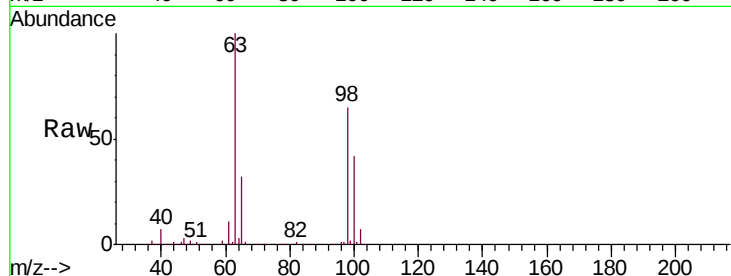
Tgt Ion: 101 Resp: 2475

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

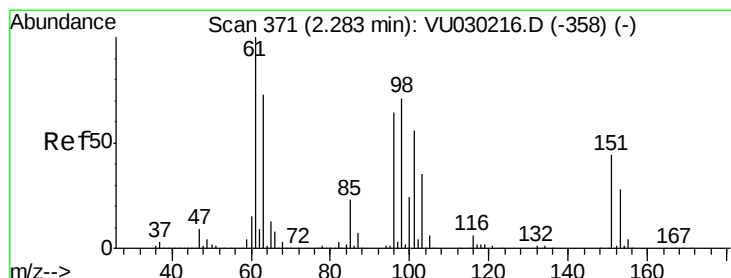
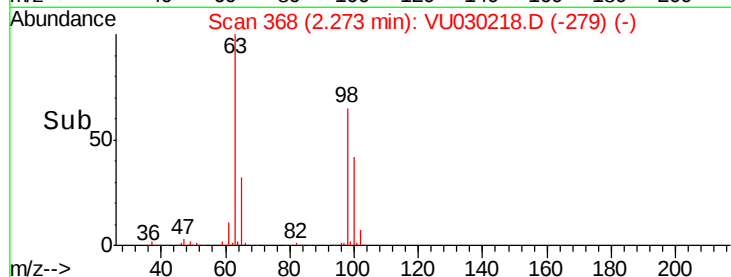
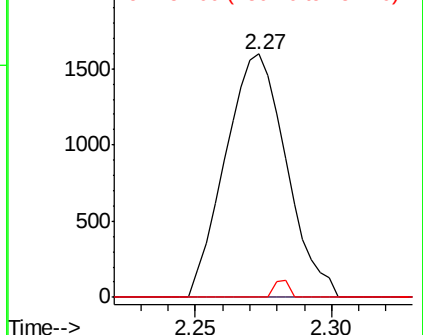
151 1.7 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.571 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030218.D

Acq: 20 Mar 2019 09:44

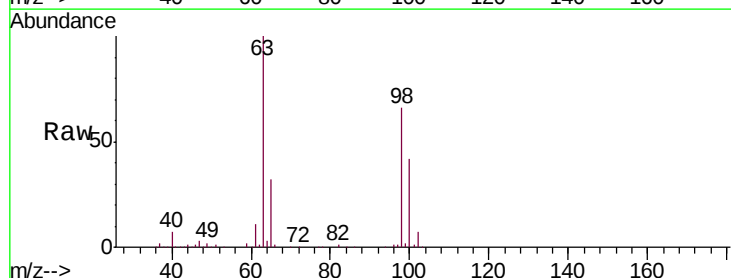
Tgt Ion: 96 Resp: 2006

Ion Ratio Lower Upper

96 100

61 1238.0 104.6 194.2#

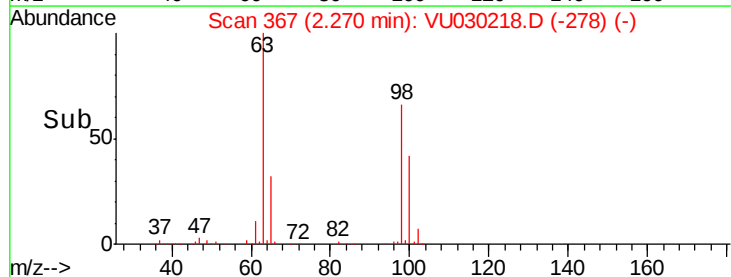
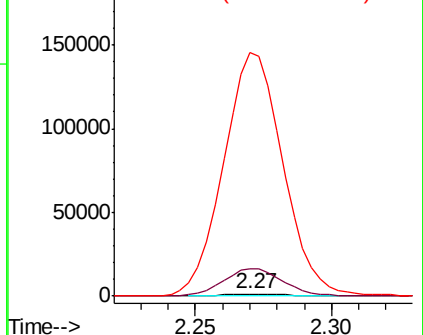
63 11007.4 77.2 143.4#

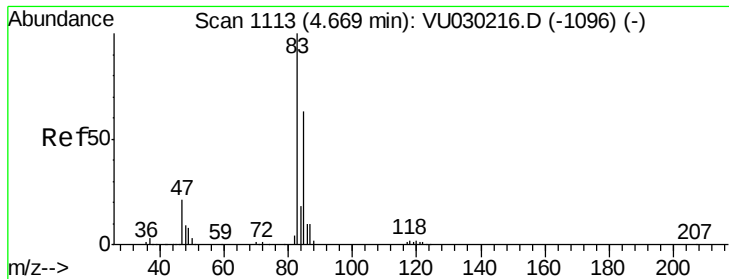


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

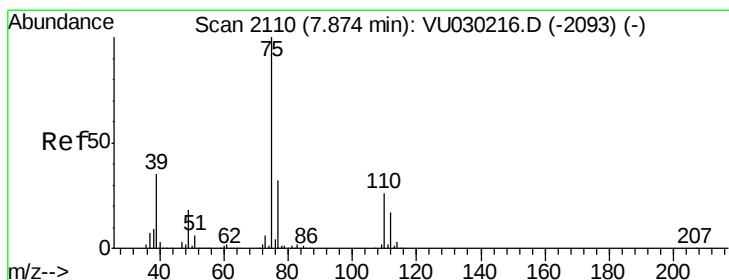
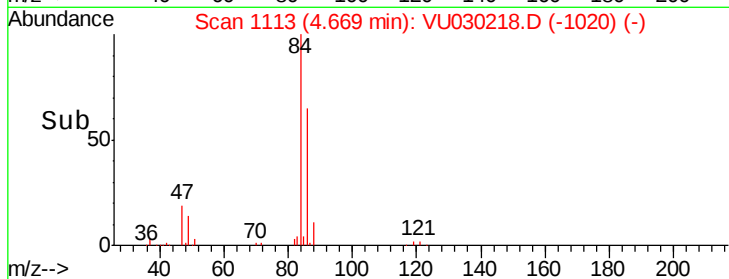
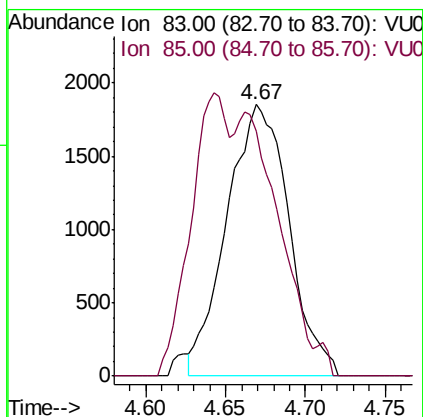
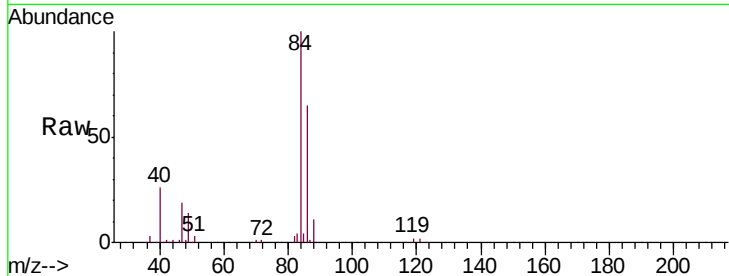




#25
Chloroform
Concen: 0.745 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030218.D
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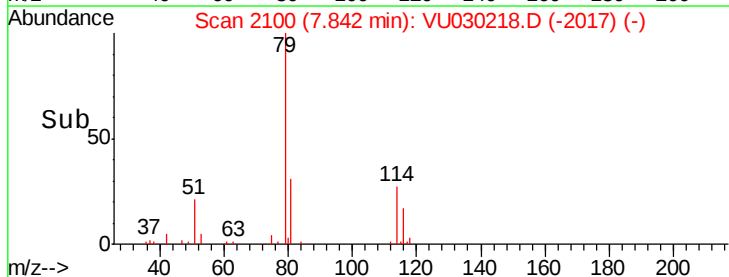
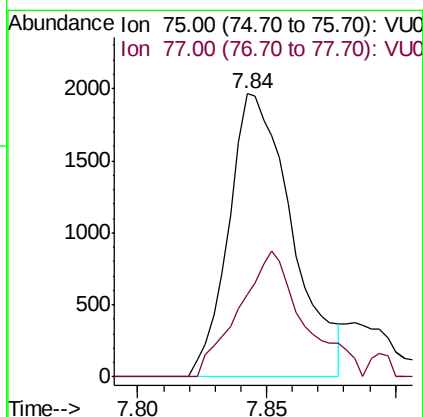
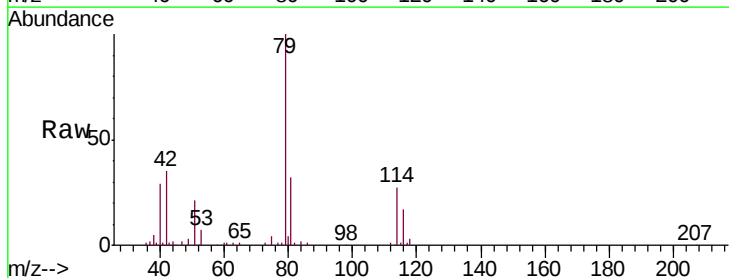
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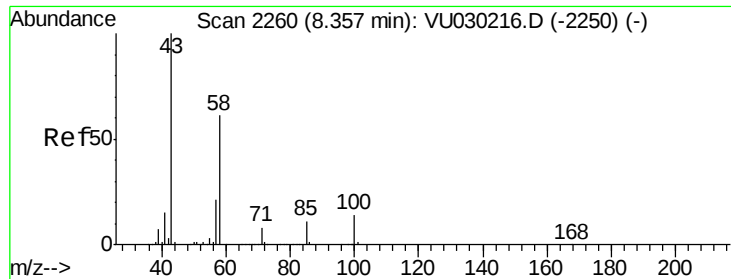
Tgt Ion: 83 Resp: 4943
Ion Ratio Lower Upper
83 100
85 89.9 45.8 85.2#



#44
trans-1,3-Dichloropropene
Concen: 0.645 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU030218.D
Acq: 20 Mar 2019 09:44

Tgt Ion: 75 Resp: 3365
Ion Ratio Lower Upper
75 100
77 29.2 22.7 42.1

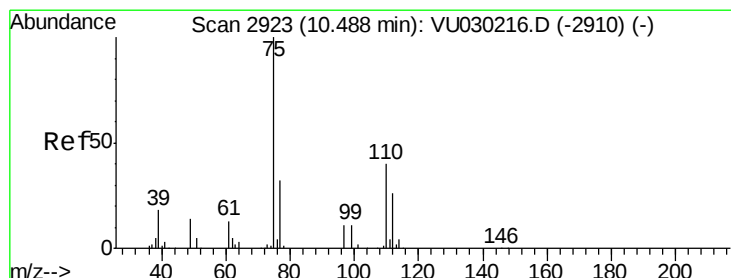
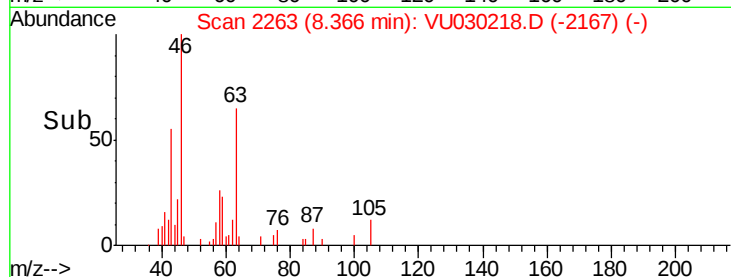
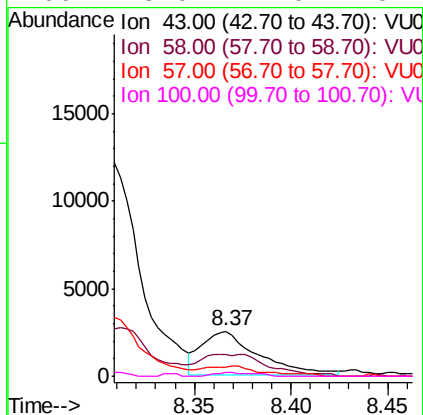
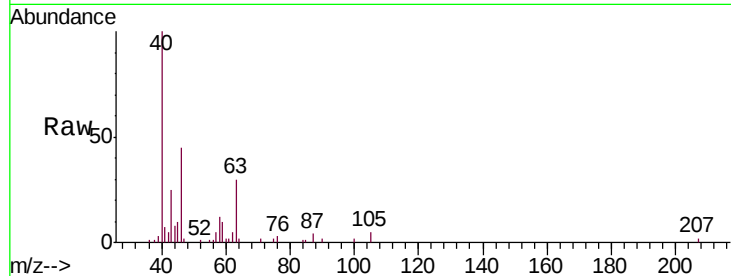




#48
2-Hexanone
Concen: 1.191 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030218.D
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Tgt Ion: 43 Resp: 5101
Ion Ratio Lower Upper
43 100
58 12.1 49.3 73.9#
57 2.0 17.0 25.4#
100 5.0 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 4.915 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030218.D
Acq: 20 Mar 2019 09:44

Tgt Ion: 75 Resp: 24949
Ion Ratio Lower Upper
75 100
77 35.0 25.8 38.8

